

Notice of Allowability

Application No.

10/765,577

Applicant(s)

MARUTA, NAOTO

Examiner

HUYEN D. LE

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ The drawings filed on 27 January 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 05/16/05.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date 08/30/04&01/27/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____.
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other figure 9 in red ink.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Thomas Scherer (Reg. No. 45079) on May 3, 2005.

The application has been amended as follows:

In the specification, page 18, line 7, "29h" has been changed to --28h--; and on page 20, line 3, "121b" has been deleted.

In claim 1, line 27 (the first line on page 22), before "projection", "like" has been changed to --shaped--; and

in line 30, before "projection", "like" has been changed to --shaped--, and in the same line 30, after "tracking", --of the signal connection pin-- has been inserted.

In claim 2, line 20, after "bottom", --of the cabinet-- has been inserted.

In claim 3, after "2", --further comprising the cushion holes extending through a rib-shaped projection portion-- has been inserted.

In claim 4, before "projection", "like" has been changed to --shaped--.

In claim 6, "2" has been changed to --6--.

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DRAWINGS

2. The following changes to the drawings have been approved by the examiner and agreed upon by applicant: 128b and 128c should be labeled in figure 9 (see attached figure 9 in red ink). In order to avoid abandonment of the application, applicant must make these above agreed upon drawing changes.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

None of prior art teaches a speaker that comprises a signal connection pin having a columnar shape, a speaker unit electrically connected to the connection pin by a wire, a cabinet for holding the speaker unit, and a prolonged through hole, as constructed in claims 1 and 2, wherein the signal connection pin and the wire are mounted on an external TV cabinet, and the prolonged through hole has a first position, a second position, a third position and convex portions that are formed between the second position and third positions, as claimed in claims 1 and 2, and wherein circular holes or cushion holes extending to the bottom of the speaker cabinet are formed in the vicinity of the convex portions thereby the convex portions are deformed to increase the interval therebetween so that the small diameter portion of the signal connection pin can pass thereby and the signal connection pin can slide without wearing away the contact portions of the connection pin and the through hole (also see page 5, lines 3-7 and page 6, lines 24-27 through page 7, line 1 in the specification).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

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fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Naruki (U.S. patent 4,450,495) teaches a pair of loudspeaker units that are coupled through supporting portions (15) to a body unit (11).

Lundgren et al. (U.S. patent 5,400,408) teaches a speaker enclosure (20) that is mounted to a computer visual display.

Takashima et al. (U.S. patent 5,970,161) teaches a speaker system for a video monitor.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HUYEN D. LE whose telephone number is (571) 272-7502. The examiner can normally be reached on 9:30AM-6:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, CURTIS KUNTZ can be reached on (571) 272-7499. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



HL
May 16, 2005



HUYEN LE
PRIMARY EXAMINER

Approved
/s/ [Signature]
5/16/05

FIG. 9

